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Francesco [IT/IT]; Via Cavour, 1, I-22070 Guanzate (IT). ARRIGHI, Franca [IT/IT]; Via ai Prati, 4, I-22070 Bulgarograsso (IT).

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(74) Agent: GISLON, Gabriele; Marietti e Gislon S.r.l., Via Larga, 16, I-20122 Milan (IT).

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(71) Applicant (*for all designated States except US*): JOHN-SON CONTROLS AUTOMOTIVE S.R.L. [IT/IT]; Strada Statale 11, Padana Superiore 2/B, I-20063 Cernusco (IT).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): MASCIA,

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(54) Title: A FUNCTIONALIZED THERMOPLASTIC POLYMER COMPOSITION AND A PROCESS FOR ITS PREPARATION

(57) Abstract: A polyolefin-based thermoplastic formulation giving products with soft-touch and functionalized to be welded and painted comprises, by weight of the total weight of the polymers, 10-80 % of polypropylene, 10-85 % by weight of EP(D)M rubber, 0-40 % of polybutadiene, and 0.5-60 % of at least one unsaturated compound selected from: ethylene-vinyl acetate copolymers and terpolymers, NBR, ethylene-acrylic ester copolymers and terpolymers, and polybutadiene-based polyurethanes or their precursors, or mixtures thereof; with the proviso that the total amount of polybutadiene and unsaturated compounds is equal or less than 60 % by weight. The formulation is prepared via visbreaking of the above listed compounds with radical-generating agents.

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